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When It's Time to Network

Product Selection Guide

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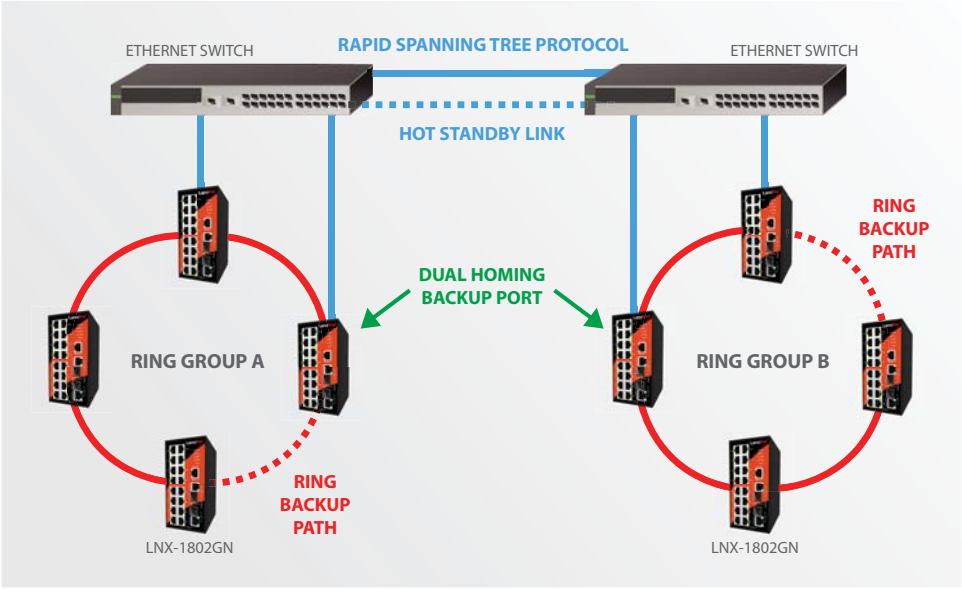
v. 10.1

Aaxeon Technologies - 445 Capricorn Street, Brea, CA 92821 USA - Phone: +1 (714) 671-9000 - FAX: +1 (714) 671-9944 - Toll-Free: +1 (877) AAXEON5 (229-3665) - e-Mail: info@aaxeon.com

Industrial Ethernet Switches - Managed

Model		LNX-500W	LNX-501W	LNX-800N (-T)	LNX-602N-T	LNX-802N (-T)	LNX-1002GN (-T)	LNX-804GN (-T)	LNX-1802GN (-T)	LNX-2602GN-T
Image										
No. of Ports	TX	5	4	8	4	6	8	4	16	24
	FX	-	1	-	2	2	2 x SFP Combo	4 x SFP Combo	2 x SFP Combo	2 x SFP Combo
Speed	TX	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps 10/100/1000Mbps	10/100/1000Mbps	10/100Mbps 10/100/1000Mbps	10/100Mbps 10/100/1000Mbps
	FX	-	100Mbps	-	100Mbps	100Mbps	1000Mbps	1000Mbps	1000Mbps	1000Mbps
Fiber Type		-	Mulit-Mode/ Single-Mode	-	Mulit-Mode/ Single-Mode	Mulit-Mode/ Single-Mode	*See SFP Spec.	*See SFP Spec.	*See SFP Spec.	*See SFP Spec.
Fiber Distance		-	2 Km / 30+ Km	-	2 Km / 30+ Km	2 Km / 30+ Km	*See SFP Spec.	*See SFP Spec.	*See SFP Spec.	*See SFP Spec.
Operating Temperature	STD.	-10°C ~ 70°C	-10°C ~ 70°C	-10°C ~ 70°C	-	-10°C ~ 70°C	-10°C ~ 70°C	-10°C ~ 70°C	-10°C ~ 70°C	-
	EOT	-	-	-40°C ~ 80°C	-40°C ~ 75°C	-40°C ~ 80°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C
Ring Redundancy		< 300 ms	< 300 ms	< 300 ms	< 10ms	< 300 ms	< 20 ms	< 20 ms	< 20 ms	< 10 ms
SNMP MIB/Trap		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QoS, IEEE 802.1p		Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes
IGMP Snooping		Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes
VLAN & 802.1Q		Yes	Yes	Yes	-	Yes	Yes + GVRP	Yes + GVRP	Yes + GVRP	Yes + Q-in-Q
Port Trunking & LACP		-	-	-	-	-	Yes	Yes	Yes	Yes
Approvals		UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	FCC	UL, CE, FCC	UL, CE, FCC	UL CID2, CE, FCC	UL CID2, CE, FCC	FCC

Dual Homing Application



Featured Product

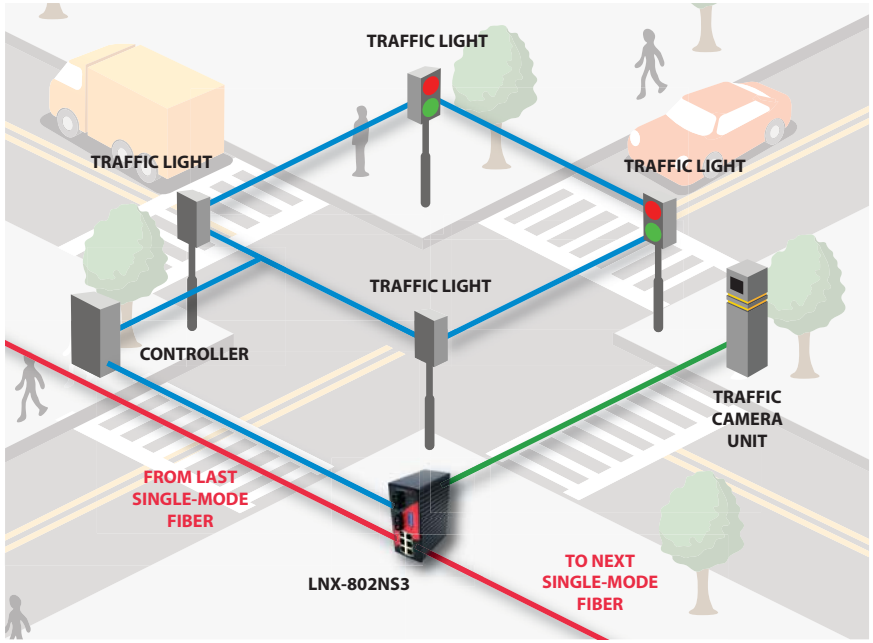
LNX-1802GN
16-Port 10/100TX + 2-Port 10/100/1000TX SFP Combo
SNMP Managed Industrial Ethernet Switch

Dual Homing Function

The Dual Homing Function helps prevent connection loss between Ethernet Redundant Ring Groups and upper level/core switches. Two ports would be assigned to be the Dual Homing backup ports in a Ring Group. Each Redundant Ring Group only has one Dual Homing port. The Dual Homing Function only works when the Redundant Ring Function is active.

Note: In a Dual Homing application architecture, the upper level switches need to have Rapid Spanning Tree Protocol enabled.

ITS Traffic Application



Featured Product

LNX-802NS3

Industrial SNMP Managed Ethernet Switch w/ 2 Fiber Ports (Single-Mode 30Km)

Application Summary

The diagram provided illustrates how the LNX-802NS3 Industrial SNMP Managed Ethernet Switch can be used in a ITS Traffic Application.

The LNX-802NS3 can be used in a Traffic Light/Traffice Camera scenario. The Traffic Light Controller Box and Cameras would connect to the LNX-802NS3 and the LNX-802NS3 would then utilize it's Fiber Ports to connect to other LNX-802NS3 switches controlling other interesections.

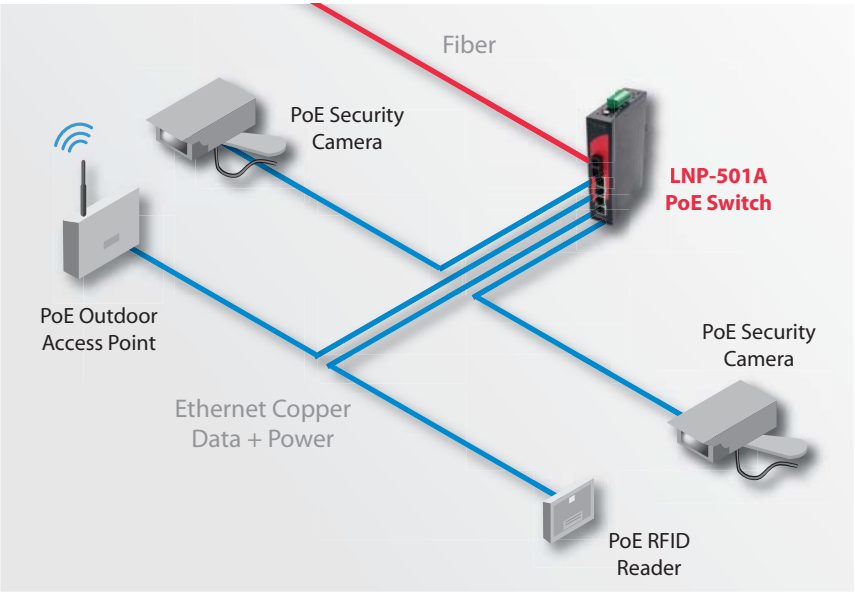
Industrial Ethernet Switches - Unmanaged

Model		LNX-500A	LNX-501A (-T)	LNX-602A (-T)	LNX-800A (-T)	LNX-500AG (-T)	LNX-501AG-SFP	LNX-800AG (-T)	LNX-1002G (-T)	LNX-1802G (-T)
Image										
No. of Ports	TX	5	4	4	8	5	4	5	8	16
	FX	-	1	2	-	-	1 x SFP	-	2 x SFP Combo	2 x SFP Combo
Speed	TX	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100Mbps 10/100/1000Mbps	10/100Mbps 10/100/1000Mbps
	FX	-	100Mbps	100Mbps	-	-	1000Mbps	-	1000Mbps	1000Mbps
Fiber Type		-	Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	-	-	*See SFP Spec.	-	*See SFP Spec.	*See SFP Spec.
Fiber Distance		-	2 Km / 30+ Km	2 Km / 30+ Km	-	-	*See SFP Spec.	-	*See SFP Spec.	*See SFP Spec.
Operating Temperature	STD.	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC
	EOT	-	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-40ºC ~ 75ºC	-	-40ºC ~ 75ºC	-40ºC ~ 75ºC	-40ºC ~ 75ºC
Approvals		UL CID2, CE, FCC	UL CID2, CE, FCC	UL CID2, CE, FCC	UL CID2, CE, FCC	UL, CE, FCC	UL CID2, CE, FCC	UL CID2, CE, FCC	UL, CE, FCC	UL, CE, FCC

Industrial Ethernet Switches - Power-over-Ethernet (P.o.E.)

Model		LNP-500A (-T)	LNP-500A-24 (-T)	LNP-501A (-T)	LNP-600N	LNP-602N	LNP-1002G (-T)	LNP-1002GN (-T)	LNP-101AG-T
Image									
Type		PoE Switch	PoE Switch	PoE Switch	PoE Switch	PoE Switch	PoE Switch	PoE Switch	PoE Splitter
No. of Ports	TX	5	5	4	6	4	8	8	-
	FX	-	-	1	-	2	2 x SFP Combo	2 x SFP Combo	-
Speed	TX	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps 10/100/1000Mbps	10/100Mbps 10/100/1000Mbps	10/100/1000T
	FX	-	-	100Mbps	-	100Mbps	1000Mbps	1000Mbps	-
Fiber Type		-	-	Multi-Mode/ Single-Mode	-	Multi-Mode/ Single-Mode	*See SFP Spec.	*See SFP Spec.	-
Fiber Distance		-	-	2 Km / 30+ Km	-	2 Km / 30+ Km	*See SFP Spec.	*See SFP Spec.	-
Management		-	-	-	Refer to LNX-602N-T	Refer to LNX-602N-T	Refer to LNX-1002G	Refer to LNX-1002GN	-
Power Input		DC 48V	DC 24 ~ 48V	DC 48V	DC 48V	DC 48V	DC 48V	DC 48V	DC 44 ~ 57V
Power over Ethernet		4 PoE Ports	4 PoE Ports	4 PoE Ports	4 PoE Ports with PSE	4 PoE Ports with PSE	8 PoE Ports with PSE	8 PoE Ports with PSE	PoE Splitter
Operating Temperature	STD.	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-40ºC ~ 70ºC	-40ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-
	EOT	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-	-	-40ºC ~ 75ºC	-40ºC ~ 75ºC	-40ºC ~ 75ºC
Approvals		UL, CE, FCC	UL CID2 (-T), UL-508, CE, FCC	UL, CE, FCC	FCC	FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC

Power over Ethernet Security Application



Featured Product

LNP-501A

Industrial 5-port Ethernet Switch with 4 x 10/100BaseTX PoE and 1 x 100BaseFX

Application Summary

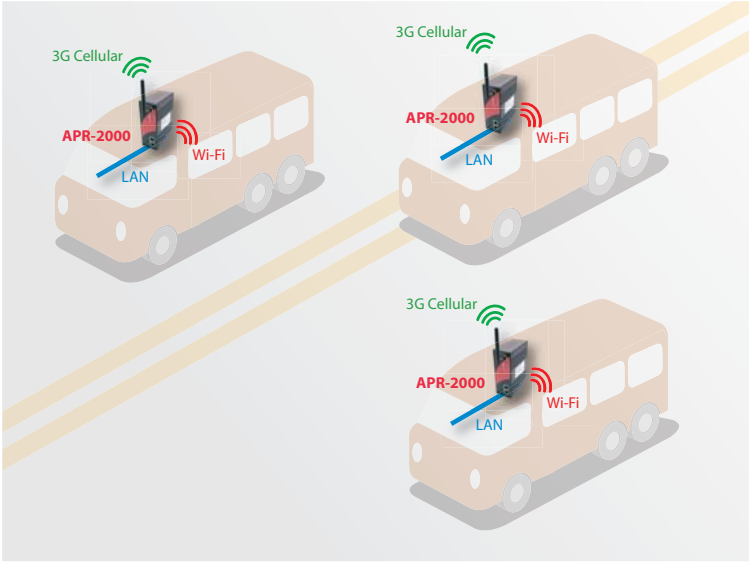
The diagram illustrates how the Lanolinx LNP-501A Industrial Fiber Power over Ethernet (PoE) Switch can be utilized to connect multiple Power over Ethernet (PoE) devices into one switch.

A user can connect up to 4 IP based PoE devices, e.g. Secuirty Camera, Outdoor Access Points, RFID Readers, etc..., into the LNP-501A's Ethernet ports. Data is then fed through Fiber to the desired destination.

Access Points / Routers

Model		APN-200(P) (-T)	APN-200A (-P) (-T)	APR-2000(P) (-T)	APX-3000
Image					
Network Interface		10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet
Connector		RJ-45	RJ-45	RJ-45 + USB Host Port	RJ-45
Wireless (Wi-Fi)		IEEE 802.11b/g Compliant	IEEE 802.11a/b/g Compliant	IEEE 802.11b/g Compliant	IEEE 802.11b/g Compliant
Transmit Rate		Up to 54 Mbps	Up to 54 Mbps	Up to 54 Mbps	Up to 54 Mbps
WLAN Operating Mode		Access Point / Bridge / Repeater	Access Point / Bridge / Repeater	Access Point / VPN / Router	Access Point / Bridge / Repeater
Router Mode Functions		-	-	Static/Dynamic/PPPoE/Modem (56K/ GPRSG/3G/3.5G Modem) Dial-up	-
Antenna Connector		Reverse SMA	Reverse SMA	Reverse SMA	N-Type Connector for External Antenna
Radio Frequency		DSSS	DSSS	DSSS	DSSS
Encryption Security		WEP, WPA/WPA2 (TKIP AES), WPA/WPA2-PSK (TKIP, AES), 802.1x, RADIUS	WEP, WPA/WPA2 (TKIP AES), WPA/WPA2-PSK (TKIP, AES), 802.1x, RADIUS	WEP, WPA/WPA2 (TKIP AES), WPA/WPA2-PSK (TKIP, AES), 802.1x, RADIUS	64/128 bit WEP, WPA, WPA2
Protection		Built-in 1.5KV Magnetic Isolation	Built-in 1.5KV Magnetic Isolation	Built-in 1.5KV Magnetic Isolation	-
Power over Ethernet		IEEE 802.3af (APN-200P(-T) Only)	IEEE 802.3af (APN-200A-P(-T) Only)	IEEE 802.3af (APN-200P(-T) Only)	IEEE 802.3af
Operating Temperature	STD.	-10ºC ~ 60ºC	-10ºC ~ 60ºC	-10ºC ~ 60ºC	-20ºC ~ 70ºC
	EOT	-35ºC~75ºC	-35ºC~75ºC	-35ºC~75ºC	-
Mechanical		Industrial	Industrial	Industrial	Outdoor IP-67 Rated

Fleet Management Application



Featured Product

APR-2000
Industrial AP/VPN/Router w/ 3.5 G Cellular

Application Summary

The diagram provided illustrates how the APR-2000 Industrials AP/VPN/Router w/3.5G Cellular can be used in a Fleet Management application.

The APR-2000 can be accessed via LAN or WAN coonection. Ethernet devices can then be easily connected via the LAN port.

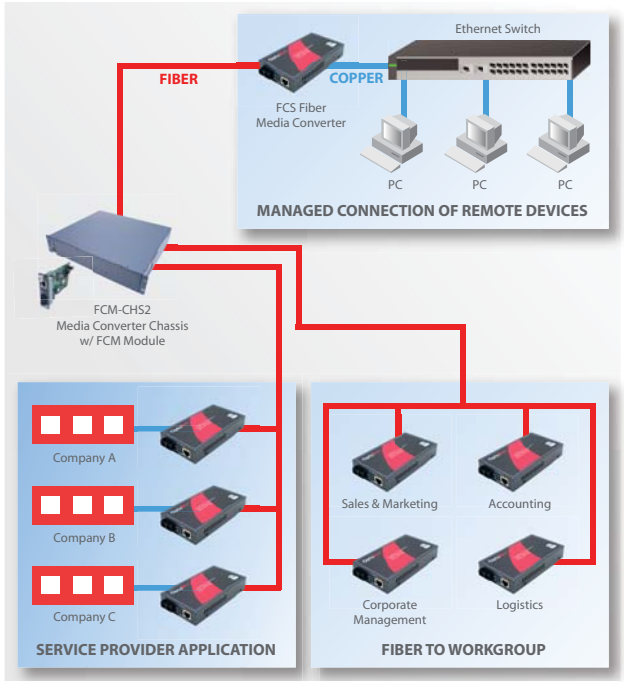
Media Converters - Managed

Model		FCM-2312Sx (-S*)	FCM-3312SC (-S*)	FCS-2312Sx (-S*)	FCS-3312SC (-S*)	FCN-2112Sx (-S*)	FCN-3112SC (-S*)	FCN-3112SFP
Image								
Speed	TX	10/100Mbps	10/100/1000Mbps	10/100Mbps	10/100/1000Mbps	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps
	FX	100Mbps	1000Mbps	100Mbps	1000Mbps	100Mbps	1000Mbps	1000Mbps
Wavelength		1310 nm	850 nm / 1310 nm	1310 nm	850 nm / 1310 nm	1310 nm	850 nm / 1310 nm	*See SFP Specifications
Fiber Type		Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	Multi-Mode/ Single-Mode	*See SFP Specifications
Fiber Distance		2 Km / 30+ Km	550 m / 10+ Km	2 Km / 30+ Km	550 m / 10+ Km	2 Km / 30+ Km	550 m / 10+ Km	*See SFP Specifications
Connector	TX	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
	FX	SC or ST	SC	SC or ST	SC	SC or ST	SC	LC
Mechanical		Slide-In	Slide-In	IN-BAND	IN-BAND	Standalone	Standalone	Standalone
Approvals		CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

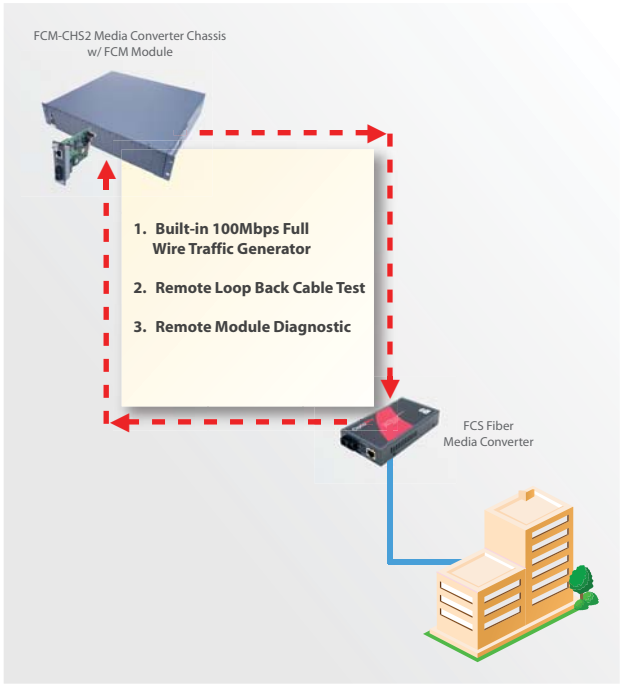
Management Chassis

Model		FCM-CHS2
Image		
Management Protocol		SNMP, Console, Web
Management Interface		DB-9 (DTE) and RJ-45 (10/100BaseTX)
CPU		ARM7 with 2MB Flash
No. of Module Slots		16 FCM-XXXX Series Slots
No. of Power Slots		2 FCM-CHS2 Power Slots for AC & DC
Fiber Redundancy		Compatible with FCM Module for Fiber Redundancy
Power Redundancy		2 Hot-swappable Redundant Power (1 Included)
Power	AC	100 ~ 240V 50/60Hz 4.0 ~ 2.0A
	DC	48VDC 40A Max (*DC Power Unit Sold Separately)
Power Consumption	Empty	3.5W (Empty Load)
	Full	120W Max (Full Load)
Operating Temp.		0ºC ~ 50ºC
Mechanical		19" Rackmount
Approvals		CE, FCC

Example Management Applications



IN-BAND Management


FCM-CHS2 Media Converter Chassis w/ FCM Module
1. Built-in 100Mbps Full Wire Traffic Generator
2. Remote Loop Back Cable Test
3. Remote Module Diagnostic
FCS Fiber Media Converter

Remote Loop Back Management

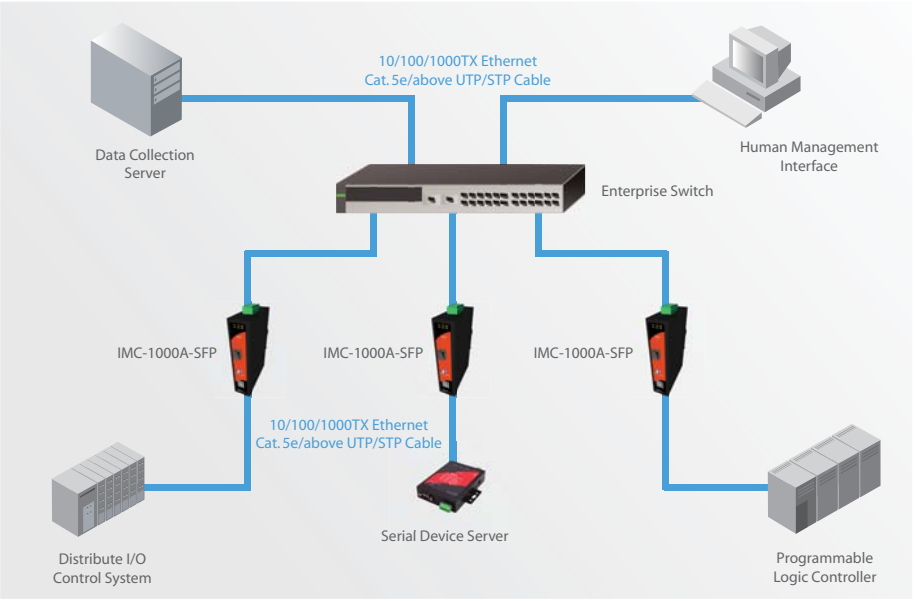
Media Converters - Unmanaged

Model		FCU-100SC/ST (-S*)	FCU-3002A-SC (-S*)	FCU-3002A-SFP	FCU-3012SFP	IMC-100A (-T)	IMP-100A (-T)	IMC-1000A-SFP (-T)
Image								
Speed	TX	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps
	FX	100Mbps	1000Mbps	1000Mbps	1000Mbps	100Mbps	100Mbps	1000Mbps
Wavelength		1310 nm	850 nm / 1310 nm	*See SFP Specifications	*See SFP Specifications	1310 nm	1310 nm	*See SFP Specifications
Fiber Type		Multi-Mode / Single-Mode	Multi-Mode / Single-Mode	*See SFP Specifications	*See SFP Specifications	Multi-Mode / Single-Mode	Multi-Mode / Single-Mode	*See SFP Specifications
Fiber Distance		2 Km / 30+ Km	550 m / 10+ Km	*See SFP Specifications	*See SFP Specifications	2 Km / 30+ Km	2 Km / 30+ Km	*See SFP Specifications
Connector	TX	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
	FX	SC or ST	SC	LC	LC	SC	SC	LC
	COM	-	-	-	RJ-45 to DB-9	-	-	-
Operating Temperature	STD.	0ºC ~ 50ºC	0ºC ~ 50ºC	0ºC ~ 50ºC	0ºC ~ 50ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC
	EOT	-	-	-	-	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-40ºC ~ 75ºC
Power over Ethernet		-	-	-	-	-	1 PoE Port	-
Mechanical		Standalone	Standalone	Standalone	Standalone	Industrial	Industrial	Industrial
Approvals		CE, FCC	CE, FCC	CE, FCC	CE, FCC	UL CID2,CE, FCC	UL, CE, FCC	UL CID2,CE, FCC

Unmanaged Media Converter Rack

Model		FCU-RACK16
Image		
No. of Module Slots		16 FCU-XXXX Series Slots
No. of Power Slots		2 FCU-RACK16 Power Slots for AC & DC
Indicators		Power A, Power B
Power Redundancy		2 Hot-swappable Redundant Power (1 Included)
Power Input		100 ~ 240V
Power Output		5V
Power Consumption	Empty	9.5W (Empty Load)
	Full	89W Max (Full Load)
Operating Temp.		0ºC ~ 50ºC
Mechanical		19" Rackmount
Approvals		CE, FCC

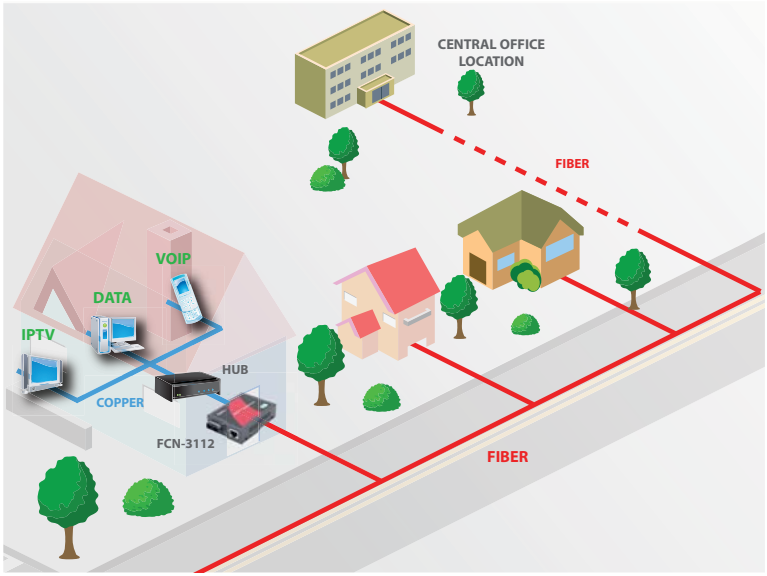
Example IMC-1000A-SFP Installation



Media Converters - Managed WDM

Model		FCM-2312WA/WB-S*	FCM-3312WA/WB-S*	FCS-2312WA/WB-S*	FCS-3312WA/WB-S*	FCN-2112WA/WB-S*	FCN-3112WA/WB-S*
Image							
Speed	TX	10/100Mbps	10/100/1000Mbps	10/100Mbps	10/100/1000Mbps	10/100Mbps	10/100/1000Mbps
	FX	100Mbps	1000Mbps	100Mbps	1000Mbps	100Mbps	1000Mbps
Wavelength	WA	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm
	WB	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm
Fiber Type		Single-Mode	Single-Mode	Single-Mode	Single-Mode	Single-Mode	Single-Mode
Fiber Distance		20+ Km	20+ Km	20+ Km	20+ Km	20+ Km	20+ Km
Connector	TX	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
	FX	SC	SC	SC	SC	SC	SC
	COM	-	-	-	-	-	-
Mechanical		Slide-In	Slide-In	IN-BAND	IN-BAND	Standalone	Standalone
Approvals		CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

Example Managed WDM (Single Fiber) Application



Featured Product

FCN-3112WA/WB-S2

10/100/1000TX To 1000LX Single Strand Fiber (WDM) SNMP Managed Media Converter

Application Summary

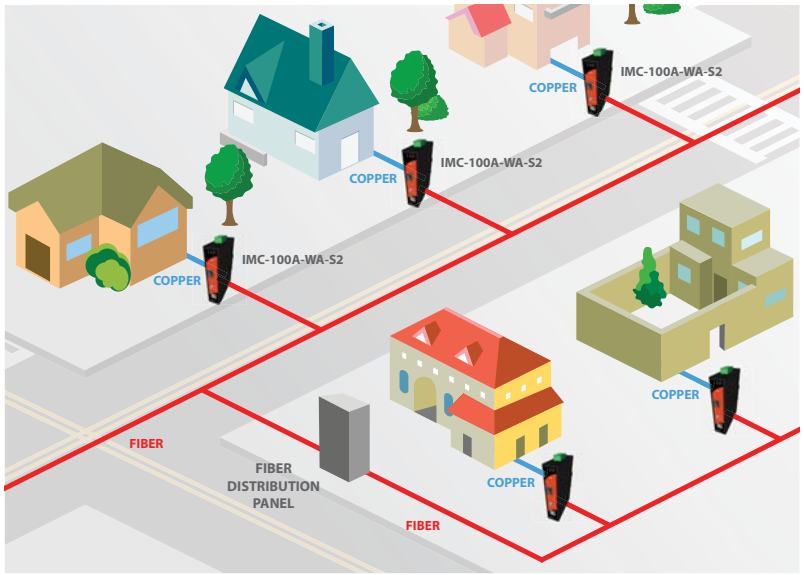
The diagram shows how the FCN-3112WA/WB-S2 Standalone WDM SNMP Managed Media Converter can be utilized in a Fiber to the Home application.

The FCN-3112WA/WB-S2 Media Converter can be placed between the fiber run and the homes Ethernet hub. All IP based devices can then connect to the hub and benefit from the fiber connection.

Media Converter - Unmanaged WDM

Model		FCU-100WA/WB-S*	FCU-3002A-WA/WB-S*	FCU-3002A-SFP	FCU-3012SFP	IMC-100A-WA/WB-S*	IMP-100A-WA/WB-S*	IMC-1000A-SFP (-T)
Image								
Speed	TX	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps	1000Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps
	FX	100Mbps	1000Mbps	1000Mbps	1000Mbps	100Mbps	100Mbps	1000Mbps
Wavelength	WA	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	*See SFP Specifications	*See SFP Specifications	TX: 1310nm, RX: 1550nm	TX: 1310nm, RX: 1550nm	*See SFP Specifications
	WB	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	*See SFP Specifications	*See SFP Specifications	TX: 1550nm, RX: 1310nm	TX: 1550nm, RX: 1310nm	*See SFP Specifications
Fiber Type		Single-Mode	Single-Mode	*See SFP Specifications	*See SFP Specifications	Single-Mode	Single-Mode	*See SFP Specifications
Fiber Distance		20+ Km	20+ Km	*See SFP Specifications	*See SFP Specifications	20+ Km	20+ Km	*See SFP Specifications
Connector	TX	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
	FX	SC	SC	LC	LC	SC	SC	LC
	COM	-	-	-	RJ-45 to DB-9	-	-	-
Operating Temperature	STD.	0ºC ~ 50ºC	0ºC ~ 50ºC	0ºC ~ 50ºC	0ºC ~ 50ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC	-10ºC ~ 70ºC
	EOT	-	-	-	-	-40ºC ~ 80ºC	-40ºC ~ 80ºC	-40ºC ~ 75ºC
Power over Ethernet		-	-	-	-	-	1 PoE Port	-
Mechanical		Standalone	Standalone	Standalone	Standalone	Industrial	Industrial	Industrial
Approvals		CE, FCC	CE, FCC	CE, FCC	CE, FCC	UL, CE, FCC	UL, CE, FCC	UL CID2, CE, FCC

Example Unmanaged WDM (Single Fiber) Application (Fiber to Home)



Featured Product

IMC-100A-WA/WB-S2

10/100BaseTX to 100BaseFX Single Strand Fiber (WDM) Industrial Media Converter

Application Summary

The diagram shows how to utilize the Optolinx IMC-100A-WA/WB-S2 Single Strand Fiber (WDM) Industrial Media Converter in a Fiber to the Home application.

Each IMC-100A/WB-S2 Industrial Media Converter can simply be installed at a home to provide fiber connectivity. Each household then connects via Ethernet to the Media Converter for access.

Serial to Ethernet Device Servers

Model	STE-501C	STE-502C	STE-601C	STE-604C (-P)
Image				
Serial Interface	RS-232/422/485	RS-232/422/485	RS-232/422/485	RS-232/422/485
No. of Serial Ports	1	2	1	4
Network Interface	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet
Flash Memory	512 KBytes	512 KBytes	512 KBytes	8 MB
SDRAM	512 KBytes	512 KBytes	512 KBytes	32 MB
CPU	16-bit Embedded CPU	16-bit Embedded CPU	16-bit Embedded CPU	ARM9: 200 Mhz
Flow Control	Xon/Xoff, RTS/CTS	Xon/Xoff, RTS/CTS	Xon/Xoff, RTS/CTS	Xon/Xoff, RTS/CTS, DTR/DSR
Data Rate	1200bps ~ 230 Kbps	1200bps ~ 230 Kbps	1200bps ~ 230 Kbps	110 bps ~ 460.8 Kbps
Parity	None, Even, Odd, Mark, Space	None, Even, Odd, Mark, Space	None, Even, Odd, Mark, Space	None, Even, Odd, Mark, Space
Data Bits	7 or 8	7 or 8	7 or 8	5, 6, 7, 8
Stop Bits	1 or 2	1 or 2	1 or 2	1, 1.5, 2
Operating Temp.	0ºC ~ 60ºC	0ºC ~ 60ºC	-20ºC ~ 70ºC	-30ºC ~ 70ºC
Power over Ethernet	-	-	-	1 PoE Port (-P Model Only)
Mechanical	Standalone	Standalone	Industrial	Industrial

Serial to Wi-Fi Servers

Model	STW-601C	STW-602C
Image		
Serial Interface	1-Port RS-232/422/485	2-Port RS-232/422/485
Network Interface	10/100Mbps Fast Ethernet	10/100Mbps Fast Ethernet
Wireless (Wi-Fi)	IEEE 802.11b/g Compliant	IEEE 802.11b/g Compliant
Flash Memory	10 MB (2 MB for Bootloader)	2+8 MB (2 MB for Bootloader)
SDRAM	32 MB	32 MB
CPU	IDT RISC Processor with MMU	IDT RISC Processor with MMU
Flow Control	Xon/Xoff, RTC/CTS	Xon/Xoff, RTC/CTS
Data Rate	1200 bps ~ 921 Kbps	1200 bps ~ 921 Kbps
Parity	None, Even, Odd, Mark, Space	None, Even, Odd, Mark, Space
Data Bits	7 or 8	7 or 8 Data
Stop Bits	1 or 2	1 or 2
Operating Temp.	-20ºC ~ 70ºC	-20ºC ~ 70ºC
Mechanical	Industrial	Industrial

Serial to Modbus TCP

Model	STM-501C
Image	
Serial Buffer	Output: 64K bytes / Input: 8K bytes per port
Serial Connection	DTE - DB-9 Male
Serial Interface	RS-232/422/485
No. of Serial Ports	1
Network Interface	10/100Mbps Fast Ethernet
Protocol	TCP, IP, ARP, DHCP, Telnet, HTTP, UDP, ICMP
Management	Manager software, Serial Console, Telnet, Web server Firmware Upgradeable
Data Rate	110 bps ~ 230.4 kbps
Parity	None, Even, Odd, Mark, Space
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Operating Temp.	0ºC ~ 50°C
Mechanical	Standalone